PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Merit Laboratories, Inc.

2680 East Lansing Drive, East Lansing, MI 48823

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025: 2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical Testing

(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
June 29, 2018	October 14, 2020	December 31, 2022

Accreditation No.:	*Certificate No.:*
69699	L20-632

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Merit Laboratories, Inc.
2680 East Lansing Drive, East Lansing, MI 48823
Contact Name: Maya Murshak Phone: 517-332-6333

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical[F]	Drinking Water	9-Chlorohexadecafluoro-3-oxanone1-Sulfonic Acid (9Cl-PF3ONS)	EPA 537.1
		11-chloroeicosafluoro-3-oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	
		4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	
		Hexafluoropropylene oxide dimer (HFPODA)	
		Perfluorohexanoic Acid (PFHxA)	
		Perfluorobutane Sulfonic Acid (PFBS)	
		Perfluoroheptanoic Acid (PFHpA)	
		Perfluorooctanoic Acid (PFOA)	
		Perfluorohexane Sulfonic Acid (PFHxS)	
		Perfluorononanoic Acid (PFNA)	
		Perfluorodecanoic Acid (PFDA)	
		N-Methyl perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	
		N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	
		Perfluorooctane Sulfonic Acid (PFOS)	
		Perfluoroundecanoic Acid (PFUnDA)	
		Perfluorododecanoic Acid (PFDoDA)	
		Perfluorotridecanoic Acid (PFTrDA)	
		Perfluorotetradecanoic Acid (PFTeDA)	
	Wastewater/Surface Water/Ground water	9-Chlorohexadecafluoro-3-oxanone1-Sulfonic Acid (9Cl-PF3ONS)	ASTM Method D7979-17
		11-Chloroeicosafluoro-3-oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	
		4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	
		Hexafluoropropylene oxide dimer (HFPODA)	
		Perfluorohexanoic Acid (PFHxA)	
		Perfluorobutane sulfonic Acid (PFBS)	
		Perfluoroheptanoic Acid (PFHpA)	
		Perfluorooctanoic Acid (PFOA)	
		Perfluorohexane Sulfonic Acid (PFHxS)	
		Perfluorononanoic Acid (PFNA)	
		Perfluorodecanoic Acid (PFDA)	
		N-Methyl perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	
		N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	
		Perfluorooctane Sulfonic Acid (PFOS)	

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Chemical[F]	Wastewater/Surface Water/Ground water	Perfluoroundecanoic Acid (PFUnDA)	ASTM Method D7979-17
		Perfluorododecanoic Acid (PFDoDA)	
		Perfluorotridecanoic Acid (PFTrDA)	
		Perfluorotetradecanoic Acid (PFTeDA)	
		Perfluorobutanoic Acid (PFBA)	
		Perfluoropentanoic Acid (PFPeA)	
		4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	
		Perfluoropentane Sulfonic Acid (PFPeS)	
		6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	
		8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	
		Perfluoroheptane Sulfonic Acid (PFHpS)	
		Perfluorononane Sulfonic Acid (PFNS)	
		Perfluorodecane Sulfonic Acid (PFDS)	
		Perfluorooctane Sulfonamide (FOSA)	

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer[F] would mean that the laboratory performs this testing at its fixed location.